What is claimed is:

- 1. A crystalline form of nateglinide (Form D) characterized by data selected from the group consisting of: an XRPD pattern with peaks at 6.6, 7.5, 13.1, 16.5, 17.4 and 21.1 \pm 0.2 degrees 2 θ ; and a DSC thermogram with endotherms at about 66 and 130°C.
- 2. The crystalline nateglinide of claim 1 characterized by an XRPD pattern with peaks at 6.6, 7.5, 13.1, 16.5, 17.4 and 21.1 \pm 0.2 degrees 20
- 3. The crystalline form of claim 2, wherein the crystalline form has an XRPD pattern as substantially depicted in Figure 3.
- 4. A process for preparing the crystalline form of nateglinide of claim 1, comprising the step of contacting a nateglinide in the solid state with vapors of ethanol, wherein the nateglinide absorbs the vapors.
- 5. The process of claim 4, wherein the nateglinide contacted is Form H.
- 6. A process for preparing the crystalline nateglinide of claim 1 comprising the steps of:
 - a) preparing a solution of nateglinide in ethanol;
 - b) crystallizing the crystalline form from the solution; and
 - c) recovering the crystalline form.
- 7. A process for preparing the crystalline form of nateglinide of claim 1 comprising the steps of:
 - a) triturating a crystalline form of nateglinide in ethanol to obtain the crystalline form of claim 1; and
 - b) recovering the crystalline form of claim 1, with the proviso that the nateglinide triturated is not nateglinide Form U.
- 8. The process of claim 7, wherein the nateglinide triturated is nateglinide Form H.
- 9. A process for preparing crystalline nateglinide Form E comprising the step of storing nateglinide Form T for a sufficient time under a suitable temperature.
- 10. A process for preparing crystalline nateglinide Form E comprising the steps of:
 - a) preparing a solution in a mixture of toluene and methanol;
 - b) crystallizing nateglinide Form E from the solution; and
 - c) recovering the nateglinide Form E.
- 11. A process for preparing nateglinide Form E comprising the step of triturating nateglinide Form Z or delta in water for a sufficient amount of time to obtain nateglinide Form E.

- 12. A crystalline form of nateglinide (Form F) characterized by data selected from the group consisting of: an XRPD pattern with peaks at 4.8, 5.3, 15.2, 18.9 and 19.6 \pm 0.2 degrees 20; and a DSC thermogram with endotherms at about 53, 103 and 128°C.
- 13. The crystalline form of claim 12, wherein the crystalline form is characterized by an XRPD pattern with peaks at 4.8, 5.3, 15.2, 18.9 and 19.6 ± 0.2 degrees 20.
- 14. The crystalline form of claim 13, wherein the crystalline form has an XRPD pattern as substantially depicted in Figure 5.
- 15. A process for preparing the crystalline form of claim 12 comprising the steps of:
 - a) preparing a solution of nateglinide in n-propanol;
 - b) crystallizing the crystalline form from the solution; and
 - c) recovering the crystalline form.
- 16. A process for preparing crystalline form of nateglinide of claim 12 comprising the step of triturating a crystalline form of nateglinide in n-propanol.
- 17. A crystalline form of nateglinide (Form G) characterized by data selected from the group consisting of: an XRPD pattern with peaks at 14.4, 15.3, 19.3 and 20.3 ±0.2 degrees 20 and a DSC thermogram with endotherms at about 106 and 127°C.
- 18. The crystalline form of claim 17, wherein the crystalline form is characterized by an XRPD pattern with peaks at 14.4, 15.3, 19.3 and 20.3 \pm 0.2 degrees 20.
- 19. The crystalline form of claim 18, wherein the crystalline form has an XRPD pattern as substantially depicted in Figure 6.
- 20. A process for preparing the crystalline form of claim 17 comprising the steps of:
 - a) preparing a solution of nateglinide in iso-propyl alcohol;
 - b) crystallizing the crystalline form from the solution; and
 - c) recovering the crystalline form.
- 21. A process for preparing the crystalline form of claim 17 comprising the steps of:
 - a) triturating a crystalline form of nateglinide in iso-propyl alcohol to obtain the crystalline form of claim 17; and
 - b) recovering the crystalline form of claim 17
- 22. The process of claim 21 wherein the nateglinide triturated is Form H.
- 23. A process for preparing nateglinide of claim 17 comprising the steps of:
 - a) preparing a solution of nateglinide in a mixture of isopropanol and water;
 - b) seeding the solution with nateglinide Form B at a temperature of from about 25°C to about 35°C;

- c) stirring the solution;
- d) cooling the solution to a temperature of about minus 5°C to about 5°C to obtain a slurry;
- e) stirring the slurry; and
- f) recovering the nateglinide of claim 17 from the slurry.
- 24. A crystalline form of nateglinide (Form I) characterized by data selected from the group consisting of: an XRPD pattern with peaks at 5.5, 7.4 and 16.8 ±0.2 degrees 2θ; and a DSC thermogram with endotherms at about 46 and 121°C.
- 25. The crystalline form of claim 24, wherein the crystalline form is characterized by an XRPD pattern with peaks at 5.5, 7.4 and 16.8 ± 0.2 degrees 2θ .
- 26. The crystalline form of claim 25, wherein the crystalline form has an XRPD pattern as substantially depicted in Figure 7.
- 27. A process for preparing the crystalline nateglinide of claim 24 comprising the step of triturating a crystalline form of nateglinide in n-butanol, with the proviso that the nateglinide triturated is not Form U.
- 28. The process of claim 27, wherein the nateglinide triturated is Form H.
- 29. A process for preparing the crystalline form of claim 24 comprising the steps of:
 - a) preparing a solution of nateglinide in n-butanol;
 - b) crystallizing the crystalline form from the solution; and
 - c) recovering the crystalline form.
- 30. A crystalline form of nateglinide (Form O) characterized by data selected from the group consisting of: an XRPD pattern with peaks at 4.4, 5.2, 15.7 and 16.6 ± 0.2 degrees 20 and a DSC thermogram with endotherms at about 106, 126 and 137°C.
- 31. The crystalline form of claim 30, wherein the crystalline form is characterized by an XRPD pattern with peaks at 4.4, 5.2, 15.7 and 16.6 ± 0.2 degrees 20.
- 32. The crystalline form of claim 31, wherein the crystalline form has an XRPD pattern as substantially depicted in Figure 13.
- 33. The crystalline form of claim 30, wherein the crystalline form is stable when heated to a temperature of about 60°C for about 8 hours.
- 34. A process for preparing the crystalline form of claim 30 comprising the step of contacting a nateglinide in the solid state with vapors of methanol to obtain the crystalline form, wherein the nateglinide absorbs the vapors.
- 35. The process of claim 34, wherein the nateglinide contacted is Form H.

- 36. A crystalline form of nateglinide (Form T) characterized by an XRPD pattern with peaks at 7.2, 7.9, 8.3 and 10.7 ± 0.2 degrees 20 and a DSC thermogram with endotherms at about 68, 106 and 130° C.
- 37. The crystalline form of claim 36, wherein the crystalline form is characterized by an XRPD pattern with peaks at 7.2, 7.9, 8.3 and 10.7 ± 0.2 degrees 20.
- 38. The crystalline form of claim 37, wherein the crystalline form has an XRPD pattern as substantially depicted in Figure 16.
- 39. A process for preparing the crystalline form of claim 36 comprising the steps of:
 - a) triturating a crystalline form of nateglinide in methanol to obtain the crystalline form of claim 36, with the proviso that the nateglinide triturated is not Form U; and
 - b) recovering the nateglinide Form T.
- 40. The process of claim 39, wherein the nateglinide triturated is Form H.
- 41. A crystalline nateglinide in the form of a methanol solvate represented by the formula NTG·1/4 MeOH (wt/wt).
- 42. The crystalline nateglinide of claim 41, wherein the crystalline form is nateglinide Form O methanol solvate.
- 43. A crystalline nateglinide in the form of a methanol solvate characterized by containing more than about 20% methanol by weight.
- 44. The crystalline nateglinide of claim 43 wherein the nateglinide is nateglinide Form T methanol solvate.
- 45. A crystalline nateglinide in the form of an ethanol solvate represented by the formula NTG-3/2 EtOH (wt/wt).
- 46. The crystalline form of claim 45 wherein the crystalline form is nateglinide Form D ethanol solvate.
- 47. A crystalline nateglinide monoipanolate.
- 48. The crystalline nateglinide of claim 47 wherein the monoipanolate is nateglinide Form G.
- 49. A crystalline nateglinide in the form of n-butanol solvate.
- 50. The crystalline nateglinide of claim 49, wherein the crystalline form is Form I n-butanol solvate.
- 51. A crystalline nateglinide in the form of an n-propanol solvate.
- 52. The crystalline nateglinide of claim 51, wherein the solvate contains about 16% to about 24% n-propanol.

- 53. The crystalline nateglinide of claim 52, wherein the solvate is Form F n-propanol solvate.
- 54. A pharmaceutical formulation for administration to a mammal comprising a crystalline form of nateglinide selected from the group consisting of D, F, G, I, O and T, and a pharmaceutically acceptable excipient.
- 55. A method for lowering blood sugar level of a mammal comprising administering the pharmaceutical formulation of claim 54 to the mammal.